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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/740,743 | 12/19/2003 | Anil Kumar Chebolu | 190250-1840 | 4930 |
| 38823 7590 07/27/2007 THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP/ BELLSOUTH I.P. CORP 100 GALLERIA PARKWAY SUITE 1750 ATLANTA, GA 30339 | | | EXAMINER NGUYEN, DUSTIN | |
| | | | ART UNIT 2154 | PAPER NUMBER |
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/740,743

Applicant(s)

CHEBOLU ET AL.

Examiner

Dustin Nguyen

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-43 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-43 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date: _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date: _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1 – 43 are presented for examination.

Specification

2. Examiner requests Applicants to update status of copending cases as mention in the disclosure, paragraph 0002.

Claim Objections

3. Claims 11, 12, 22, 23, 33 and 34 are objected to because of the following informalities:
“the computer settings” should be corrected as “the computer access settings”. Appropriate correction is required.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claims 1-10 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

A. The claim language in the following claims is not clearly understood:

- I. As per claim 1, the claimed limitation of “a control unit to communicate with the server and to automatically update the versions of the at least one computer access settings in the computer and the server to coincide with each other responsive to at least one computer event” is not clearly explain since the updating of the versions of the computer access settings should be carried out between the computer and the remote database, not the server as claimed.

Claim Rejections - 35 USC § 101

6. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 33-43 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. As per claim 33, the specification discloses intrinsic evidence of the computer-readable medium including electromagnetic, infrared, or propagation medium, as such the subject matter is not limited to a process, machine, manufacture, or a composition of matter [Please see MPEP chapter 2106].

Claim Rejections - 35 USC § 102

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7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

8. Claims 1, 2, 4-8, 11-13, 15-19, 22-24, 26-30, 33-35, 37-41 are rejected under 35

U.S.C. 102(e) as being anticipated by Heard et al. [US Patent Application No 2006/0242685].

9. As per claim 1, Heard discloses the invention as claimed including a system for automatically updating of computer access settings [i.e. automatically push the security policy to the mobile device] [810, Figure 8; Abstract; and paragraphs 0027 and 0030], comprising:

at least one computer access setting for a respective user of a computer [i.e. policy data] [paragraphs 0054, 0055, Permission Policies and Rule Policies tables], one version of the at least one computer access setting being stored in a remote database [i.e. LDAP storage directory] [108, Figure 1; and paragraphs 0029, 0033, 0044 and 0045] and another version of the at least one computer access setting being stored in the computer [i.e. the policy data is decrypted and stored in the rules engine store] [612, Figure 6; and paragraph 0061, 0062 and 0066];

a server to communicate with the remote database [102, Figure 1; and paragraphs 0027 and 0028]; and

a control unit to communicate with the server [i.e. gatekeeper] [104, Figure 1; and paragraphs 0030 and 0031] and to automatically update the versions of the at least one

computer access settings in the computer and the server to coincide with each other responsive to at least one computer event [i.e. updating policy information and distributing the updated policy information to the mobile device when synchronization] [808, 810, Figure 8; paragraphs 0059, 0073, 0074; and claims 1 and 2].

10. As per claim 2, Heard discloses wherein the at least one computer event includes user log-in on the computer and the computer being connected to the Internet [i.e. mobile device initiates data synchronization and gatekeeper authenticates mobile device] [810, Figure 8; and paragraphs 0069, 0072 and 0073].

11. As per claim 4, Heard discloses wherein the at least one computer event includes the start up of the computer and the computer being connected to the Internet [i.e. re-authenticate after device has been turn off] [Rule Policies table].

12. As per claim 5, Heard discloses wherein the one version of the computer access settings being stored in the remote database maintains the current authorization settings [i.e. new or change policy package] [802, Figure 8; and paragraph 0071] and the another version of the computer access settings being stored in the computer maintains the latest reporting information [paragraphs 0058, 0059 and 0074].

13. As per claim 6, Heard discloses wherein the computer access settings contain an allow list of information that the respective user is authorized to access [i.e. list of device that can be communicated with] [paragraph 0066].

14. As per claim 7, Heard discloses wherein the computer access settings contain a block list of information that the respective user is not authorized to access [i.e. list of device that cannot be communicated with] [paragraph 0066].

15. As per claim 8, Heard discloses wherein the computer access settings specify if the respective user is authorized to access a particular computer application [i.e. control application access and use] [Permission Policies table; and paragraphs 0032 and 0054].

16. As per claim 11, it is rejected for similar reasons as stated above in claim 1. Furthermore, Heard discloses means for modifying the first version of the computer access setting [i.e. modifying security policy] [Figure 8; and paragraphs 0071, 0073 and 0074].

17. As per claim 12, Heard discloses wherein the second version of the computer settings contain a history of user computer activity [i.e. history mobile device user activity] [paragraphs 0075 and 0076], the system further comprising means for transferring the second version of the computer settings to the remote location so that the first version at the remote location is updated to include the history of user computer activity contained in the second version upon the at least one computer event [i.e. the log file transfers to the server] [paragraphs 0058 and 0059].

18. As per claim 13, it is rejected for similar reasons as stated above in claim 2.
19. As per claims 15-19, they are rejected for similar reasons as stated above in claims 4-8.
20. As per claims 22 and 23, they are rejected for similar reasons as stated above in claims 11 and 12.
21. As per claim 24, it is rejected for similar reasons as stated above in claim 13.
22. As per claims 26-30, they are rejected for similar reasons as stated above in claims 15-19.
23. As per claims 33 and 34, they are rejected for similar reasons as stated above in claims 11 and 12.
24. As per claim 35, it is rejected for similar reasons as stated above in claim 13.
25. As per claims 37-41, they are rejected for similar reasons as stated above in claims 15-19.

Claim Rejections - 35 USC § 103

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26. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

27. Claims 3, 9, 10, 14, 20, 21, 25, 31, 32, 36, 42 and 43 are rejected under 35 U.S.C. 103(a) as being unpatentable over Heard et al. [US Patent Application No 2006/0242685], in view of Dunn [US Patent No 7,076,558].

28. As per claim 3, Heard does not specifically disclose wherein the at least one computer event includes user log-out on the computer and the computer being connected to the Internet. Dunn discloses wherein the at least one computer event includes user log-out on the computer and the computer being connected to the Internet [i.e. disconnect] [col 37, lines 4-11]. It would have been obvious to a person skill in the art at the time the invention was made to combine the teaching of Heard and Dunn because the teaching of Dunn would allow a web services user to control access to user-specific information stored in associated with a software service offered by a web-service provider [Dunn, col 1, lines 6-10; and col 2, lines 10-21].

29. As per claim 9, Dunn discloses wherein the computer access settings specify if the respective user is authorized to access a particular web site [col 39, lines 53-col 41, lines 54].

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30. As per claim 10, Dunn discloses wherein the computer access settings specify if the respective user is authorized to access a category of information that includes computer applications and web sites [col 8, lines 52-61].

31. As per claim 14, it is rejected for similar reasons as stated above in claim 3.

32. As per claim 20 and 21, they are rejected for similar reasons as stated above in claims 9 and 10.

33. As per claim 25, it is rejected for similar reasons as stated above in claim 14.

34. As per claims 31 and 32, they are rejected for similar reasons as stated above in claims 20 and 21.

35. As per claim 36, it is rejected for similar reasons as stated above in claim 14.

36. As per claims 42 and 43, they are rejected for similar reasons as stated above in claims 20 and 21.

37. A shortened statutory period for response to this action is set to expire **3 (three) months and 0 (zero) days** from the mail date of this letter. Failure to respond within the period for

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response will result in **ABANDONMENT** of the application (see 35 U.S.C 133, M.P.E.P 710.02, 710.02(b)).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dustin Nguyen whose telephone number is (571) 272-3971. The examiner can normally be reached on flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached at (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dustin Nguyen

Examiner

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A handwritten signature in black ink, appearing to read 'Dustin', with a long horizontal stroke extending to the right.